

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2019
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	318,653	--	--	128,265	-211,562	-23,070	2,654	209,632	0	0	24,194
Hydrocarbon Gas Liquids	144,809	-112	3,465	4,039	-115,619	--	1,041	6,344	2,002	27,195	4,501
Natural Gas Liquids	144,809	-112	2,911	4,039	-115,619	--	929	6,344	2,002	26,753	4,352
Ethane	36,964	--	--	--	--	--	73	--	0	3,138	538
Propane	53,616	--	2,868	3,258	-40,402	--	461	--	5	18,874	1,857
Normal Butane	20,968	--	228	579	-15,997	--	363	2,271	49	3,095	1,306
Isobutane	10,498	--	-185	202	-8,785	--	4	2,165	0	-439	271
Natural Gasoline	22,763	-112	--	--	-16,682	--	28	1,908	1,947	2,086	380
Refinery Olefins	--	--	554	--	--	--	112	--	--	442	149
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	41	--	--	--	-1	--	--	42	0
Normal Butylene	--	--	534	--	--	--	118	--	--	416	149
Isobutylene	--	--	-21	--	--	--	-5	--	--	-16	0
Other Liquids	--	4,418	--	1,460	6,473	-11,885	-172	-1,572	25	2,185	9,466
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,418	--	188	4,472	3,728	20	12,781	5	0	487
Hydrogen	--	--	--	--	--	2,264	--	2,264	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,418	--	188	4,472	1,464	20	10,517	5	0	487
Fuel Ethanol	--	4,418	--	--	3,880	1,725	48	9,975	0	0	401
Renewable Fuels Except Fuel Ethanol	--	0	--	188	592	-261	-28	542	5	0	86
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-135	-2,069	19	2,185	3,362
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1,272	2,001	-15,613	-57	-12,284	1	0	5,617
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	2,001	-15,613	-57	-12,284	1	0	5,617
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	219,713	1,882	-9,390	14,121	-615	--	262	226,678	8,361
Finished Motor Gasoline	--	--	104,293	72	-6,202	13,888	84	--	10	111,957	1,697
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	104,293	72	-6,202	13,888	84	--	10	111,957	1,697
Finished Aviation Gasoline	--	--	59	17	--	--	-1	--	--	77	9
Kerosene-Type Jet Fuel	--	--	11,196	--	8,943	--	-85	--	--	20,224	729
Kerosene	--	--	1	--	--	--	-1	--	--	2	1
Distillate Fuel Oil	--	--	70,289	1,307	-1,265	232	-464	--	53	70,974	3,980
15 ppm sulfur and under	--	--	69,670	1,307	-1,265	232	-479	--	15	70,409	3,678
Greater than 15 ppm to 500 ppm sulfur	--	--	550	--	--	--	-55	--	38	567	146
Greater than 500 ppm sulfur	--	--	69	--	--	--	70	--	--	-1	156
Residual Fuel Oil ⁶	--	--	4,121	97	--	--	26	--	84	4,108	262
Less than 0.31 percent sulfur	--	--	2,082	--	--	--	8	--	NA	NA	33
0.31 to 1.00 percent sulfur	--	--	319	--	--	--	10	--	NA	NA	18
Greater than 1.00 percent sulfur	--	--	1,720	97	--	--	8	--	NA	NA	211
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	1	--	--	--	--	79	-78	--
Waxes	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	8,349	--	-4,090	--	47	--	2	4,210	241
Marketable	--	--	5,854	--	-4,090	--	47	--	2	1,715	241
Catalyst	--	--	2,495	--	--	--	--	--	--	2,495	--
Asphalt and Road Oil	--	--	12,852	377	-6,776	--	-225	--	27	6,650	1,422
Still Gas	--	--	7,404	--	--	--	--	--	--	7,404	--
Miscellaneous Products	--	--	1,149	11	--	--	4	--	4	1,152	20
Total	463,462	4,306	223,178	135,646	-330,098	-20,835	2,908	214,404	2,289	256,059	46,522

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.